

What Is Claimed Is:

1. A fluid filtration assembly comprising at least one filtration module, said module comprising first and second housing members connectable together to form a recess adapted to receive a filter unit, each of said housing members being provided with a collection chamber having first and second openings aligned with each other, and a wall portion extending outwardly from the chamber and defining one wall of the recess when said housing members are connected together, the one wall being spaced from the filter unit, and wherein the first and second openings are each adapted to serve as a fluid inlet, the walls permitting fluid flow therebetween and through the filter unit, and the first and second openings are each adapted to serve as a fluid outlet, whereby to provide an assembly having increased ease of manufacture, reduced cost and reduced size.

2. The assembly in accordance with claim 1, wherein said filtration module housing members are of

substantially identical configuration and are connected to each other in reversed, head-to-tail configuration, to form the recess which is adapted to receive the filter unit.

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3. The assembly in accordance with claim 2, wherein each of said housing members has an L-shaped configuration.

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4. The assembly in accordance with claim 3, wherein each of said housing members is provided with spring mechanisms to assist in separation of said housing members from adjacent elements.

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5. The assembly in accordance with claim 3 wherein said housing members are fitted with springs between which the filter units are inserted.

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6. The assembly in accordance with claim 3 wherein one of the housing members, when said housing members are assembled to form a module, directs the inflow of the fluid to be treated towards the filter

unit, while the other of said housing members directs the treated fluid to outside of said module.

5 7. The assembly in accordance with claim 3
wherein each of said housing members includes an opening which collects the inflow of fluid and a further opening which directs the outflow of fluid, thus allowing input of fluids to be treated, and output of treated fluids, the capacity of the assembly
10 depending upon the number of said modules disposed in the assembly.

8. The assembly in accordance with claim 1 wherein the output of fluids treated is rendered
15 variable by selection of the number of said filtration modules in the assembly.

9. A fluid filtration assembly comprising:
at least one filtration module, said module
20 comprising:

a first housing member comprising a first collection chamber in communication with a first wall

extending therefrom, said first housing member having a first fluid inlet and a first fluid outlet respectively in opposed walls of said first collection chamber and in alignment with each other;

5 a second housing member comprising a second collection chamber in communication with a second wall extending therefrom, said second housing member having a second fluid inlet and a second fluid outlet, respectively, in opposed walls of said second
10 collection chamber and in alignment with each other;

 said first and second collection chambers and the first and second walls defining a recess for receiving and retaining a filter unit;

 wherein one of the fluid inlets is open to receive
15 fluid flow and one of the fluid outlets is open to discharge filtered fluid; and

 wherein the received fluid flows through one of said collection chambers, along one of the walls, through the filter unit, along the other of the walls,
20 through the other of said collection chambers, and out of the module through the fluid outlet open to discharge fluid, whereby to provide an assembly having

increased ease of manufacture, reduced cost and reduced size.

10. The assembly in accordance with claim 8
5 wherein said first and second housing members are essentially duplicative of each other and are connectable together in inverse, head-to-tail configuration to form the recess, said housing members being connectable to each other with said first
10 collection chamber of said first housing member adjacent a free end of the second wall, and said second collection chamber of said second housing member adjacent a free end of the first wall.

15 11. The assembly in accordance with claim 10 wherein said first and second housing members have an L-shaped configuration.

20 12. The assembly in accordance with claim 10 wherein said module further comprises the filter unit.

13. The assembly in accordance with claim 10 and further comprising an additional filtration module of construction substantially identical to said one filtration module and connectable thereto.

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14. The assembly in accordance with claim 10 and further comprising a selected number of additional filtration modules of construction substantially identical to said one filtration module and connectable thereto and to each other.

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15. The assembly in accordance with claim 14 wherein the fluid inlets and outlets are complementarily engageable with each other to form segments of a continuous flow path.

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16. The assembly in accordance with claim 9 further including a skeleton overlying said at least one filtration module, and a coverlet overlying said skeleton, whereby to shield said at least one filtration module from the elements.

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